



# INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We make Indiana a cleaner, healthier place to live.*

---

*Frank O'Bannon*  
Governor

*Lori F. Kaplan*  
Commissioner

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Indianapolis, Indiana 46206-6015  
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March 7, 2003

Mr. Sam Lombardo  
Meridian Automotive Systems, Inc.  
501 Northridge Drive  
Shelbyville, Indiana 46176

Re: **145-16596**  
First Significant Permit Modification to  
**Part 70 No.: T 145-5966-00017**

Dear Mr. Lombardo:

Meridian Automotive Systems, Inc. was issued a Part 70 permit on November 17, 1998 for a fiberglass reinforced automotive parts molding and painting source. A letter requesting changes to this permit was received on November 27, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the operation of six (6) touch up paint booths. The changes in the Part 70 Operating Permit are documented in the Technical Support Document. All other conditions of the permit shall remain unchanged and in effect. For your convenience, the entire Title V Operating Permit, with all modifications and/or amendments made to it, is being provided.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Edward A. Longenberger, c/o OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, at 631-691-3395 ext. 20 or in Indiana at 1-800-451-6027 (ext 631-691-3395).

Sincerely,

Original signed by Paul Dubenetzky  
Paul Dubenetzky, Chief  
Permits Branch  
Office of Air Quality

Attachments  
EAL/MES

cc: File - Noble County  
U.S. EPA, Region V  
Noble County Health Department  
Air Compliance Section Inspector - Doyle Houser  
Compliance Branch - Karen Nowak  
Administrative and Development - Lisa Lawrence  
Technical Support and Modeling - Michelle Boner

# **PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY**

**Meridian Automotive Systems, Inc.  
501 Northridge Drive  
Shelbyville, Indiana 46176**

(herein known as the Permittee) is hereby authorized to construct subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and 326 IAC 2-1-3.2 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 145-5966-00017	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Quality	Issuance Date: November 17, 1998  Expiration Date: November 17, 2003

First Administrative Amendment No. 145-12680, issued October 23, 2000  
Second Administrative Amendment No. 145-13481, issued March 18, 2002  
First Minor Source Modification No. 145-16510, pending

First Significant Permit Modification No. 145-16596-00017	Pages Affected: 2-6, 26, 27, 32-36, 46-48
Issued by: Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: March 7, 2003

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## SECTION A

## SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a stationary fiberglass molding and painting operation.

Responsible Official: Plant Manager  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
SIC Code: 3089  
County Location: Shelby  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD Rules;  
Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (1) Two (2) Cleaver-Brooks natural gas fired boilers, with propane as back up fuel, identified as BR-1, constructed in March, 1988 and BR-2, constructed in June, 1988, with a maximum capacity of 24.3 million British thermal units per hour each, exhausting to two (2) stacks (EP39 and EP-40);
- (2) One (1) Blu Surf natural gas fired rack burner, constructed in June, 1988, identified as RB-1, with a maximum capacity of 4.6 million British thermal units per hour, controlled by a baghouse, exhausting to one (1) stack (EP-26);
- (3) One (1) fiberglass coating system, consisting of the following equipment:
  - (A) One (1) Gallagher-Kaiser manual spray booth, constructed in June, 1988, identified as SB-M, utilizing a high volume low pressure application method, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to two (2) stacks (EP19 and EP20);
  - (B) One (1) Gallagher-Kaiser automatic spray booth, constructed in March, 1994, identified as SB-A, utilizing robots equipped with electrostatic applicators and electrostatic spray guns, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to one (1) stack (EP 21);
  - (C) One (1) Eclipse natural gas fired bake oven and one (1) flash tunnel, identified as BO-1, with a maximum capacity of 10.45 million British thermal units per hour, controlled by a 11.0 million British thermal units per hour natural gas fired thermal incinerator, exhausting to one (1) stack (EP-22);

- (4) Six (6) touch-up paint booths, identified as PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5, constructed in 2003, each equipped with dry filters as particulate control, exhausting to Stacks PB Volvo/GMT, PB Viper, PB Tri-door 1, PB Tri-door 2, PB Hummer, and PBC5, respectively, capacity: variable, depending on part type.
- (5) Nineteen (19) plastic forming presses with maximum capacity of 6,771 pounds per hour of sheet molding compound; and
- (6) Plastic parts machining and cleaning operation, with maximum capacity of 6,771 pounds per hour of sheet molding compound, with particulate emissions controlled by two (2) dust collector baghouses.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]  
[326 IAC 2-7-5(15)]

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This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1) Two (2) hydraulic molding presses and associated secondary fixtures (deflashing, drilling, sanding, routing and punching equipment), molding a maximum of 616 pounds per hour of sheet molding compound per press into reinforced plastic automotive body panels and assemblies, using a maximum of 0.88 pounds per hour of mold release.
- (2) Four (4) 500-2500 ton capacity hydraulic presses for molding, drilling, sanding, routing, and bonding reinforced plastic; and
- (3) Two (2) 2500 hydraulic press for molding, drilling, sanding, routing and bonding.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).

## SECTION B

## GENERAL CONDITIONS

### B.1 Permit No Defense [326 IAC 2-1-10] [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-1-3.2 or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

### B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

### B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

### B.4 Enforceability [326 IAC 2-7-7(a)]

- (a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.
- (b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.

### B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

### B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

### B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

### B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall furnish to IDEM, OAQ within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.



- (c) Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAQ along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

**B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]**

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
  - (1) Enforcement action;
  - (2) Permit termination, revocation and reissuance, or modification; or
  - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**

- (a) Any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

**B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]**

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely

if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

- (c) The annual compliance certification report shall include the following:
- (1) The identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was continuous or intermittent;
  - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
  - (5) Any insignificant activity that has been added without a permit revision;
  - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and

approval by IDEM, OAQ.

**B.13 Emergency Provisions [326 IAC 2-7-16]**

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
- (2) The permitted facility was at the time being properly operated;
- (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,  
Compliance Section), or  
Telephone Number: 317-233-5674 (ask for Compliance Section)  
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.

- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(9) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
  - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

**B.14 Permit Shield [326 IAC 2-7-15]**

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- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
  - (1) The applicable requirements are included and specifically identified in this permit; or
  - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
  - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
  - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(8)]

**B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]**

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

**B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
  - (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
  - (2) An emergency as defined in 326 IAC 2-7-1(12); or
  - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.

- (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

**B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination**  
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.18 Permit Renewal [326 IAC 2-7-4]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

- (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due. [326 IAC 2-5-3]

(2) If IDEM, OAQ upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAQ fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]

[326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for

changes that are provided for in a Part 70 permit.

- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and



- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

- (1) A brief description of the change within the source;
- (2) The date on which the change will occur;
- (3) Any change in emissions; and
- (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.23 Construction Permit Requirement [326 IAC 2]**

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

**B.24 Inspection and Entry [326 IAC 2-7-6(2)]**

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.  
[326 IAC 2-7-6(6)]
  - (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAQ or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAQ nor an authorized representative, may disclose the information unless and until IDEM, OAQ makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
  - (2) The Permittee, and IDEM, OAQ acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]  
Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:

- (a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAQ, Permits Branch within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.
- (b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) IDEM, OAQ shall reserve the right to issue a new permit.

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.27 Credible Evidence [326 IAC 2-7-5(3)][62 Federal Register 8313][326 IAC 2-7-6]

Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or noncompliance.

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source
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### Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]

The total source potential to emit Volatile Organic Compound (VOC) is limited to less than 250 tons per year. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

C.2 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings, as determined in 326 IAC 5-1-4.
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

C.4 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3(a)(2)(A) and (B) are not federally enforceable.

C.5 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.

C.6 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.7 Operation of Equipment [326 IAC 2-7-6(6)]

All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.8 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted.

**C.9 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]**

- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

## Testing Requirements [326 IAC 2-7-6(1)]

### C.10 Performance Testing [326 IAC 3-6]

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAQ within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

## Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

### C.11 Compliance Schedule [326 IAC 2-7-6(3)]

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The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will comply with such applicable requirements that become effective during the term of this permit.

### C.12 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**C.13 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]**

- (a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than one (1) hour until such time as the continuous monitor is back in operation.
- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

**C.14 Monitoring Methods [326 IAC 3]**

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

**C.15 Temperature Gauge and Pressure Gauge Specifications**

Whenever a condition in this permit requires the measurement of pressure drop or temperature across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.

**Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]**

**C.16 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:  
  
Indiana Department of Environmental Management  
Compliance Branch, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015  
  
within ninety (90) days after the date of issuance of this permit.  
The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) If the ERP is disapproved by IDEM, OAQ the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of

reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

- (f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.17 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]  
[326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
  - (1) This condition;
  - (2) The Compliance Determination Requirements in Section D of this permit;
  - (3) The Compliance Monitoring Requirements in Section D of this permit;
  - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
  - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
    - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
    - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
  - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;

- (3) An automatic measurement was taken when the process was not operating; or
- (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

**C.18 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**C.19 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]**

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
  - (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
  - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015



- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

C.20 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.21 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ representative, for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or local agency within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
  - (1) The date, place, and time of sampling or measurements;
  - (2) The dates analyses were performed;
  - (3) The company or entity performing the analyses;
  - (4) The analytic techniques or methods used;
  - (5) The results of such analyses; and
  - (6) The operating conditions existing at the time of sampling or measurement.

- (c) Support information shall include, where applicable:
  - (1) Copies of all reports required by this permit;
  - (2) All original strip chart recordings for continuous monitoring instrumentation;
  - (3) All calibration and maintenance records;
  - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.22 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported.
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period.
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports.
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

## Stratospheric Ozone Protection

### C.23 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

## Parts 1 and 2 MACT Applications Submittal Requirements

### C.24 Application Requirements for Section 112(j) of the Clean Air Act [40 CFR 63.52(b) and (e)] [40 CFR 63.56(a)] [40 CFR 63.9(b)] [326 IAC 2-7-12]

- (a) The Permittee shall submit a Part 1 Maximum Achievable Control Technology (MACT) Application in accordance with 40 CFR 63.52(b)(1) within thirty (30) days of startup of the new emission units. The Part 1 MACT Application shall meet the requirements of 40 CFR 63.53(a).
- (b) The Permittee shall submit a Part 2 MACT Application in accordance with 40 CFR 63.52(e)(1). The Part 2 MACT Application shall meet the requirements of 40 CFR 63.53(b).
- (c) Notwithstanding paragraph (b), the Permittee is not required to submit a Part 2 MACT Application if the Permittee no longer meets the applicability criteria of 40 CFR 63.50 by the application deadline in 40 CFR 63.52(e)(1). For example, the Permittee would not have to submit a Part 2 MACT Application if, by the application deadline:
  - (1) The source is no longer a major source of hazardous air pollutants, as defined in 40 CFR 63.2;
  - (2) The source no longer includes one or more units in an affected source category for which the U.S. EPA failed to promulgate an emission standard by May 15, 2002; or
  - (3) The MACT standard or standards for the affected source categories included at the source are promulgated.
- (d) Notwithstanding paragraph (b), pursuant to 40 CFR 63.56(a), the Permittee shall comply with an applicable promulgated MACT standard in accordance with the schedule provided in the MACT standard if the MACT standard is promulgated prior to the Part 2 MACT Application deadline or prior to the issuance of permit with a case-by-case Section 112(j) MACT determination. The MACT requirements include the applicable General Provisions requirements of 40 CFR 63, Subpart A. Pursuant to 40 CFR 63.9(b), the Permittee shall submit an initial notification not later than 120 days after the effective date of the MACT, unless the MACT specifies otherwise. The initial notification shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

and

Meridian Automotive Systems, Inc.  
Shelbyville, Indiana  
Permit Reviewer: Cathie Moore

First Significant Permit Modification No. 145-16596  
Revised by: EAL/MES

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United States Environmental Protection Agency, Region V  
Director, Air and Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

## SECTION D.1

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (1) Two (2) Cleaver-Brooks natural gas fired boilers, with propane as back up fuel, identified as BR-1, constructed in March, 1988 and BR-2, constructed in June, 1988, with a maximum capacity of 24.3 million British thermal units per hour each, exhausting to two (2) stacks (EP39 and EP-40);

## Emission Limitations and Standards [326 IAC 2-7-5(1)]

### D.1.1 Particulate Matter (PM) [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the particulate matter emissions from the primary boiler, constructed in March 1988, identified as BR-1, rated at 24.3 mmBtu/hr shall be limited to 0.47 pounds per million British thermal unit heat input and the particulate matter emissions from the secondary boiler, constructed in June 1988, identified as BR-2, rated at 24.3 mmBtu/hr shall be limited to 0.39 pounds per million British thermal unit. This limit is calculated by the following equation:

$$Pt = 1.09 / Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million Btu (lb/mmBtu) heat input.

Q = Total source maximum operating capacity rating in million Btu per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

## Compliance Determination Requirements

### D.1.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

## Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

### D.1.3 Monitoring

Monitoring of these facilities is not required by this permit. However, any change or modification to these facilities as specified in 326 IAC 2-1 may require these facilities to have monitoring requirements.

## Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

### D.1.4 Natural Gas Fired Boiler Certification

An annual certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the Natural Gas Fired Boiler Certification form located at the end of this permit, or its equivalent, no later than July 1 of each year.

## SECTION D.2

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (2) One (1) Blu Surf natural gas fired rack burner, constructed in June, 1988, identified as RB-1, with a maximum capacity of 4.6 million British thermal units per hour, controlled by a baghouse, exhausting to one (1) stack (EP-26);

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.2.1 Particulate Matter (PM) [326 IAC 4-2-2]

Pursuant to 326 IAC 4-2-2 (Incinerators), the one (1) 4.6 mmBtu/hr Blu Surf natural gas fired rack burner (RB-1) shall:

- (a) Consist of primary and secondary chambers or the equivalent.
- (b) Be equipped with a primary burner unless burning wood products.
- (c) Comply with 326 IAC 5-1 (Opacity Limitations) and 326 IAC 2 (Permit Review Rules).
- (d) Be maintained properly as specified by the manufacturer and approved by IDEM.
- (e) Be operated according to the manufacturer's recommendation and only burn waste approved by IDEM.
- (f) Comply with other state and/or local rules or ordinances regarding installation and operation of incinerators.
- (g) Be operated so that emissions of hazardous material including, but not limited to, viable pathogenic bacteria, dangerous chemical or gases, or noxious odors are prevented.
- (h) Not create a nuisance or fire hazard.
- (i) Not emit particulate matter (PM) in excess of 0.3 pounds per 1000 pounds of dry exhaust gas corrected to 50% excess air.

The operation of this incinerator shall be terminated immediately upon noncompliance with any of the above mentioned requirements.

### Compliance Determination Requirements

#### D.2.2 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter (PM) limit specified in Condition D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

### Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

#### D.2.3 Particulate Matter (PM)

Pursuant to 326 IAC 4-2-2, the baghouse for PM control shall be in operation at all times when the rack burner is in operation and exhausting to the outside atmosphere.

#### D.2.4 Visible Emissions Notations

- (a) Daily visible emission notations of the rack burner stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

#### D.2.5 Parametric Monitoring

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with the rack burner, at least once daily when the rack burner is in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range specified by the manufacturer. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

#### D.2.6 Broken Bag or Failure Detection

In the event that bag failure has been observed:

- (a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced.
- (b) Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include a timetable for completion.

### **Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

#### D.2.7 Record Keeping Requirements

- (a) To document compliance with Condition D.2.4, the Permittee shall maintain records of daily visible emission notations of the rack burner stack exhaust.
- (b) To document compliance with Condition D.2.5, the Permittee shall maintain the following:
  - (1) Daily records of the following operational parameters during normal operation when venting to the atmosphere:

- (A) Inlet and outlet differential static pressure; and
  - (B) Cleaning cycle: frequency and differential pressure.
- (2) Documentation of all response steps implemented, per event.
- (3) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.
- (4) Quality Assurance/Quality Control (QA/QC) procedures.
- (5) Operator standard operating procedures (SOP).
- (6) Manufacturer's specifications or its equivalent.
- (7) Equipment "troubleshooting" contingency plan.
- (8) Documentation of the dates vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.



## SECTION D.3

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (3) One (1) fiberglass coating system, consisting of the following equipment:
  - (A) One (1) Gallagher-Kaiser manual spray booth, constructed in June, 1988, identified as SB-M, utilizing a high volume low pressure application method, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to two (2) stacks (EP19 and EP20);
  - (B) One (1) Gallagher-Kaiser automatic spray booth, constructed in March, 1994, identified as SB-A, utilizing robots equipped with electrostatic applicators and electrostatic spray guns, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to one (1) stack (EP 21);
  - (C) One (1) Eclipse natural gas fired bake oven and one (1) flash tunnel, identified as BO-1, with a maximum capacity of 10.45 million British thermal units per hour, controlled by a 11.0 million British thermal units per hour natural gas fired thermal incinerator, exhausting to one (1) stack (EP-22);
- (4) Six (6) touch-up paint booths, identified as PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5, constructed in 2003, each equipped with dry filters as particulate control, exhausting to Stacks PB Volvo/GMT, PB Viper, PB Tri-door 1, PB Tri-door 2, PB Hummer, and PBC5, respectively, capacity: variable, depending on part type.

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.3.1 Volatile Organic Compound (VOC) [326 IAC 2-2]

Pursuant to Construction Permit (CP 145-5373-00017), issued on July 3, 1996,

- (a) The input VOC of coatings applied and solvent applied to the one (1) fiberglass coating system and the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5) shall be limited to 222 tons per 365 consecutive day period, rolled on a daily basis. This throughput limitation is equivalent to potential to emit (PTE) VOC from the surface coating operation of 159 tons per 365 consecutive day period, rolled on a daily basis, after control with the thermal incinerator operating at an overall efficiency of 95%.
- (b) This production limitation is necessary in order to ensure that the Prevention of Significant Deterioration (PSD) rules, 326 IAC 2-2 and 40 CFR 52.21, will not apply.

#### D.3.2 Volatile Organic Compound (VOC) [326 IAC 8-1-6]

Pursuant to Construction Permit (CP-145-5373-00017), issued on July 3, 1996 and 326 IAC 8-1-6 (General Reduction Requirements):

- (a) The Volatile Organic Compound (VOC) content of the coatings as delivered to the applicators at the one (1) fiberglass coating system shall be limited to 8.3 pounds of VOC per gallon of coating solids for prime coat applications.
- (b) The Volatile Organic Compound (VOC) content of the coatings as delivered to the applicators at the one (1) fiberglass coating system shall be limited to 12.2 pounds of VOC per gallon of coating solids for topcoat applications.
- (c) The manual spray booth at the one (1) fiberglass coating system shall use a high volume, low pressure (HVLP) application method. High volume low pressure (HVLP) spray means tech-

nology used to apply coating to a substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

- (d) The automatic spray booth at the one (1) fiberglass coating system shall utilize the automatic electrostatic rotating bell.

**D.3.3 Volatile Organic Compound (VOC) [326 IAC 8-1-6]**

The total amount of VOC delivered to the applicators at the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5) shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 8-1-6 (New facilities; general reduction requirements) do not apply.

**D.3.4 Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1-1]**

The total amount of any single HAP and combination of all HAPs delivered to the applicators at the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5) shall be limited to less than ten (10) and less than twenty-five (25) tons per twelve (12) consecutive month period, respectively, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 2-4.1-1 (New source toxics control) do not apply.

**D.3.5 Particulate Matter (PM and PM<sub>10</sub>)**

The total amount of solids delivered to the applicators at the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) shall be limited to less than one hundred (100) tons per twelve consecutive (12) month period, with compliance determined at the end of each month, based on a seventy-five percent (75%) transfer efficiency, which is equivalent to PM and PM<sub>10</sub> emissions of less than a total of twenty-five (25) tons per year from the six (6) touch-up booths. Therefore, the construction of the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) is not subject to the requirements of 326 IAC 2-7-10.5(f).

**D.3.6 Particulate Matter (PM) [326 IAC 6-3-2] [40 CFR 52 Subpart P]**

- (a) Pursuant to 326 IAC 6-3-2 (Process Operations) the particulate matter (PM) from the two (2) spray booths (SB-M and SB-A) shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

- (b) Pursuant to 40 CFR 52 Subpart P, the PM from each of the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

**D.3.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control device.

**Compliance Determination Requirements**

#### **D.3.8 Testing Requirements [326 IAC 2-7-6(1),(6)]**

During the period between 18 and 48 after issuance of this permit, in order to demonstrate compliance with the thermal incinerator control efficiency stated in Condition D.3.1, the Permittee shall perform VOC testing utilizing Method 25 (40 CFR 60, Appendix A) or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

#### **D.3.9 Volatile Organic Compounds (VOC)**

Compliance with the VOC content and usage limitations contained in Conditions D.3.1 and D.3.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

#### **D.3.10 VOC Emissions**

Compliance with Condition D.3.1 shall be demonstrated at the end of each day based on the total volatile organic compound usage for the most recent 365 day period.

#### **D.3.11 Thermal Incinerator**

Pursuant to 326 IAC 8-1-6 (General Reduction Requirements), when operating the thermal incinerator shall maintain a minimum operating temperature of 1,400°F or a temperature determined in the compliance tests, and a fan amperage and duct velocity determined in the compliance tests to maintain a minimum 95% destruction of the volatile organic compound (VOC) captured.

### **Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

#### **D.3.12 Volatile Organic Compound (VOC)**

Pursuant to Construction Permit (CP 145-5373-00017) issued on July 3, 1996, the thermal incinerator shall operate at all times that the bake oven and flash tunnel is in operation.

#### **D.3.13 Particulate Matter (PM)**

The waterwash collection system shall be in operation at all times the two (2) spray booths (SB-M and SB-A) are in operation.

### **Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

#### **D.3.14 Record Keeping Requirements**

- (a) To document compliance with Condition D.3.12, the Permittee shall maintain daily records of the thermal incinerator temperature.
- (b) To document compliance with Conditions D.3.1, D.3.2 and D.3.3, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.3.1 and D.3.3.
  - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - (2) The cleanup solvent usage for each month;
  - (3) The total VOC usage for each month; and
  - (4) The weight of VOCs emitted for each compliance period.

- (c) To document compliance with Condition D.3.4, the Permittee shall maintain records in accordance with (1) through (4) below for the six (6) touch-up paint booths. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP usage limits established in Condition D.3.4.
  - (1) The HAPs content of each coating material and solvent used.
  - (2) The amount of coating material and solvent used on monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
  - (3) The total HAPs usage for each month; and
  - (4) The weight of HAPs emitted for each compliance period.
- (d) To document compliance with Condition D.3.5, the Permittee shall maintain records in accordance with (1) through (4) below for the six (6) touch-up paint booths. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM and PM<sub>10</sub> emission limits established in Condition D.3.5.
  - (1) The total solids content of each coating material and solvent used.
  - (2) The amount of coating material and solvent used on monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
  - (3) The total solids usage for each month; and
  - (4) The weight of PM and PM<sub>10</sub> emitted for each compliance period.
- (e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### D.3.15 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.3.1, D.3.3, D.3.4 and D.3.5 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

## SECTION D.4

## FACILITY OPERATION CONDITIONS

### Facility Description [326 IAC 2-7-5(15)]

- (5) Nineteen (19) plastic forming presses with maximum capacity of 6,771 pounds per hour of sheet molding compound; and
- (6) Plastic parts machining and cleaning operation, with maximum capacity of 6,771 pounds per hour of sheet molding compound, with particulate emissions controlled by two (2) dust collector baghouses.
- (Insignificant Activity) Two (2) hydraulic molding presses and associated secondary fixtures (deflashing, drilling, sanding, routing and punching equipment), molding a maximum of 616 pounds per hour of sheet molding compound per press into reinforced plastic automotive body panels and assemblies, using a maximum of 0.88 pounds per hour of mold release.
- (Insignificant Activity) Four (4) 500-2500 ton capacity hydraulic presses for molding, drilling, sanding, routing, and bonding reinforced plastic;
- (Insignificant Activity) Two (2) 2500 hydraulic press for molding, drilling, sanding, routing and bonding;

### Emission Limitations and Standards [326 IAC 2-7-5(1)]

#### D.4.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations) the particulate matter (PM) from the nineteen (19) plastic forming presses, the plastic parts machining and cleaning operation, the two (2) hydraulic molding presses and associated secondary fixtures (Insignificant Activity), the four (4) 500-2500 ton capacity hydraulic presses (Insignificant Activity), and the one (1) 2500 hydraulic press (Insignificant Activity) shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

#### D.4.2 Volatile Organic Compound (VOC) [326 IAC 2-2]

Pursuant to Construction Permit (CP145-5373-00017), issued on July 3, 1996:

- (a) The sheet molding compound usage from the nineteen plastic forming presses shall be limited to 2113 tons per month. This production limitation is equivalent to potential to emit (PTE) volatile organic compounds from the press room of 6.23 tons per month.
- (b) This production limitation is necessary in order to ensure that the Prevention of Significant Deterioration (PSD) rules, 326 IAC 2-2 and 40 CFR 52.21, will not apply.

#### D.4.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the nineteen plastic forming presses.

### Compliance Determination Requirement

#### D.4.4 Testing Requirements [326 IAC 2-7-6(1),(6)]

The Permittee is not required to test this facility by this permit. However, IDEM may require

compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the particulate matter and volatile organic compound limits specified in Conditions D.4.1 and D.4.2 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

#### **Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

##### **D.4.5 Particulate Matter**

Pursuant to 326 IAC 6-3-2, the two (2) dust collector baghouses shall be in operation at all times the plastic parts machining and cleaning operation is in operation and exhausting to the outside atmosphere.

##### **D.4.6 Visible Emissions Notations**

- (a) Daily visible emission notations of the plastic parts machining and cleaning operation stack exhaust shall be performed during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.
- (b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.
- (c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.
- (d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.
- (e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed.

##### **D.4.7 Parametric Monitoring**

The Permittee shall record the total static pressure drop across the baghouse used in conjunction with the rack burner, at least once daily when the rack burner is in operation when venting to the atmosphere. Unless operated under conditions for which the Compliance Response Plan specifies otherwise, the pressure drop across the baghouse shall be maintained within the range specified by the manufacturer. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when the pressure reading is outside of the above mentioned range for any one reading.

The instrument used for determining the pressure shall comply with Section C - Pressure Gauge Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

##### **D.4.8 Broken Bag or Failure Detection**

In the event that bag failure has been observed:

- (a) The affected compartments will be shut down immediately until the failed units have been repaired or replaced. For single compartment baghouses, failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced.
- (b) Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) hours of discovery of the

failure and shall include a timetable for completion.

## **Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

### **D.4.9 Record Keeping Requirements**

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- (a) To document compliance with Condition D.4.6, the Permittee shall maintain records of daily visible emission notations of the rack burner stack exhaust.
- (b) To document compliance with Condition D.4.7, the Permittee shall maintain the following:
  - (1) Daily records of the following operational parameters during normal operation when venting to the atmosphere:
    - (A) Inlet and outlet differential static pressure; and
    - (B) Cleaning cycle: frequency and differential pressure.
  - (2) Documentation of all response steps implemented, per event.
  - (3) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.
  - (4) Quality Assurance/Quality Control (QA/QC) procedures.
  - (5) Operator standard operating procedures (SOP).
  - (6) Manufacturer's specifications or its equivalent.
  - (7) Equipment "troubleshooting" contingency plan.
  - (8) Documentation of the dates vents are redirected.
- (c) To document compliance with Condition D.4.2, the Permittee shall record the tons of sheet molding compound usage each month.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

### **D.4.10 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.4.2 shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF AIR QUALITY**  
**COMPLIANCE DATA SECTION**  
**P.O. Box 6015**  
**100 North Senate Avenue**  
**Indianapolis, Indiana 46206-6015**  
**Phone: 317-233-5674**  
**Fax: 317-233-5967**

**PART 70 OPERATING PERMIT**  
**EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017

**This form consists of 2 pages**

**Page 1 of 2**

Check either No. 1 or No.2	
<b>9</b>	1. This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Management (OAM), within four <b>(4)</b> business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two <b>(2)</b> days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
<b>9</b>	2. This is a deviation, reportable per 326 IAC 2-7-5(3)(c) C The Permittee must submit notice in writing within ten <b>(10)</b> calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation?    Y    N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
NATURAL GAS FIRED BOILER CERTIFICATION**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Report period

Beginning: \_\_\_\_\_

Ending: \_\_\_\_\_

Boiler Affected

Alternate Fuel

Days burning alternate fuel

From

To


I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Date: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Monthly Report**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017  
Facility: Bake oven and flash tunnel (BO-1) and two (2) spray booths (SB-M and SB-A)  
Parameter: VOC  
Limit: 222 tons VOC input per year, rolled on a daily basis

Month: \_\_\_\_\_ Year: \_\_\_\_\_

Day	Daily Coating Usage (gallons)	Max lbs VOC per gallons solids	VOC input today (ton/day)	VOC input for the last 365 - day period (ton/365 days)
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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23				
24				
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26				
27				
28				
29				
30				
31				

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017  
Facility: Nineteen plastic forming presses  
Parameter: VOC  
Limit: 2113 tons per month of sheet molding compound

YEAR: \_\_\_\_\_

Month	Usage (tons/month)

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T145-5966-00017

**Months:** \_\_\_\_\_ **to** \_\_\_\_\_ **Year:** \_\_\_\_\_

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

**9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD**

**9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.**

<b>Compliance Monitoring Requirement</b> (e.g. Permit Condition D.1.3)	<b>Number of Deviations</b>	<b>Date of each Deviation</b>

Form Completed By: \_\_\_\_\_  
Title/Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T 145-5966-00017  
Facility: Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
Parameter: Total VOC delivered to the applicators  
Limit: Less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

Month	Tons of VOC	Tons of VOC	Tons of VOC
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T 145-5966-00017  
Facility: Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
Parameter: HAPs delivered to the applicators  
Limit: Less than ten (10) tons of the worst case single HAP, and less than twenty-five (25) tons of total HAPs per twelve (12) consecutive month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

Month	Worst case single HAP (tons)	Worst case single HAP (tons)	Worst case single HAP (tons)	Total HAPs (tons)	Total HAPs (tons)	Total HAPs (tons)
	This Month	Previous 11 Months	12 Month Total	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Meridian Automotive Systems, Inc.  
Source Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Mailing Address: 501 Northridge Drive, Shelbyville, Indiana 46176  
Part 70 Permit No.: T 145-5966-00017  
Facility: Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
Parameter: Total solids delivered to the applicators  
Limit: Less than one hundred (100) tons per twelve consecutive (12) month period, with compliance determined at the end of each month.

YEAR: \_\_\_\_\_

Month	Tons of solids	Tons of solids	Tons of solids
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## Indiana Department of Environmental Management Office of Air Quality

### Technical Support Document (TSD) for a Part 70 Minor Source Modification and a Significant Permit Modification

#### Source Background and Description

<b>Source Name:</b>	<b>Meridian Automotive Systems, Inc.</b>
<b>Source Location:</b>	<b>501 Northridge Drive, Shelbyville, Indiana 46176</b>
<b>County:</b>	<b>Shelby</b>
<b>SIC Code:</b>	<b>3089</b>
<b>Operation Permit No.:</b>	<b>T 145-5966-00017</b>
<b>Operation Permit Issuance Date:</b>	<b>November 17, 1998</b>
<b>Minor Source Modification No.:</b>	<b>MSM 145-16510-00017</b>
<b>Significant Permit Modification No.:</b>	<b>SPM 145-16596-00017</b>
<b>Permit Reviewer:</b>	<b>Edward A. Longenberger</b>

The Office of Air Quality (OAQ) has reviewed a modification application from Meridian Automotive Systems, Inc. relating to the construction and operation of the following emission units and pollution control devices:

Six (6) touch-up paint booths, identified as PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5, constructed in 2003, each equipped with dry filters as particulate control, exhausting to Stacks PB Volvo/GMT, PB Viper, PB Tri-door 1, PB Tri-door 2, PB Hummer, and PBC5, respectively, capacity: variable, depending on part type.

#### History

On November 27, 2002, Meridian Automotive Systems, Inc. submitted an application to the OAQ requesting to add additional touch-up paint booths to their existing plant. Cambridge Industries, Inc. was issued a Part 70 permit on November 17, 1998. An administrative amendment to change the name of the source from Cambridge Industries to Meridian Automotive Systems, Inc. was issued on October 23, 2000.

#### Enforcement Issue

There are no enforcement actions pending.

#### Stack Summary

Stack ID	Operation	Height (feet)	Diameter (feet)	Flow Rate (acfm)	Temperature (EF)
PB Viper	PB Viper	36.0	2.0	10,000	ambient
PB Hummer	PB Hummer	36.0	2.83	7,500	ambient
PB Volvo/GMT	PB Volvo/GMT	36.0	TBD	TBD	ambient

Stack ID	Operation	Height (feet)	Diameter (feet)	Flow Rate (acfm)	Temperature (EF)
PB C5	PB C5	36.0	TBD	TBD	ambient
PB Tri-door 1	PB Tri-door 1	36.0	TBD	TBD	ambient
PB Tri-door 2	PB Tri-door 2	36.0	TBD	TBD	ambient

### Recommendation

The staff recommends to the Commissioner that the Part 70 Minor Source Modification and the Significant Permit Modification be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on November 27, 2002.

### Emission Calculations

See pages 1 through 2 of 2 of Appendix A of this document for detailed emissions calculations.

### Potential To Emit of Modification

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA.”

This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Pollutant	Potential To Emit (tons/year)
PM	37.3
PM <sub>10</sub>	37.3
SO <sub>2</sub>	0.00
VOC	165
CO	0.00
NO <sub>x</sub>	0.00

HAPs	Potential To Emit (tons/year)
Xylene	57.3
Ethyl Benzene	10.2
Toluene	4.39
MEK	4.16
MIBK	3.01
Glycol Ethers	1.30
Naphthalene	0.781
Cumene	0.521
TOTAL	81.7

#### Justification for Modification

The Part 70 Operating permit is being modified through a Part 70 Minor Source Modification. This modification is being performed pursuant to 326 IAC 2-7-10.5(d)(5), because the potential to emit of VOC, PM and PM<sub>10</sub> are each limited to less than twenty-five (25) tons per year, and the potential HAP emissions are limited to less than ten (10) tons per year for the worst case single HAP, and twenty-five (25) tons per year for total HAPs, by limiting total annual solvent usage.

The proposed operating conditions shall be incorporated into the Part 70 Operating Permit as a Significant Permit Modification (SPM 145-16596-00017) in accordance with 326 IAC 2-7-12(b)(1) (D), since the permit modification seeks to establish a Part 70 condition for which there is no underlying applicable requirement and which the source has assumed to make a requirement not applicable. The Significant Permit Modification will give the source approval to operate the proposed emission units.

#### County Attainment Status

The source is located in Shelby County.

Pollutant	Status
PM <sub>10</sub>	attainment
SO <sub>2</sub>	attainment
NO <sub>2</sub>	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Shelby County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of

Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

- (b) Shelby County has been classified as attainment or unclassifiable for all remaining criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 and 40 CFR 52.21.

### Source Status

Existing Source PSD or Emission Offset Definition (emissions after controls, based upon 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/year)
PM	less than 250
PM <sub>10</sub>	less than 250
SO <sub>2</sub>	less than 100
VOC	less than 250
CO	less than 100
NO <sub>x</sub>	greater than 100, less than 250

- (a) This existing source is not a major stationary source because no attainment regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the 28 listed source categories.
- (b) These emissions are based upon the Technical Support Document for Part 70 Permit No. T 145-5966-00017.

### Potential to Emit of Modification After Issuance

The table below summarizes the potential to emit, reflecting all limits, of the significant emission units after controls. The control equipment is considered federally enforceable only after issuance of this Part 70 source modification.

	Potential to Emit (tons/year)						
Process/facility	PM	PM <sub>10</sub>	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	HAPs
Six (6) touch-up paint booths	Less than 25	Less than 25	0.00	Less than 25	0.00	0.00	Less than 10/25
PSD Threshold Level	250	250	250	250	250	250	-

This modification to an existing minor stationary source is not major because the emission increase is less than the PSD threshold levels. Therefore, pursuant to 326 IAC 2-2, and 40 CFR 52.21, the PSD requirements do not apply.

### Federal Rule Applicability

- (a) This significant modification does not involve a pollutant-specific emissions unit:
  - (1) with the potential to emit before controls equal to or greater than one hundred (100) tons per year, and
  - (2) that is subject to an emission limit and has a control device that is necessary to meet that limit.

Therefore, the requirements of 40 CFR Part 64, Compliance Assurance Monitoring, are not applicable.

- (b) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this proposed modification.
- (c) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14, 326 IAC 20, 40 CFR 61 and 40 CFR Part 63) applicable to this modification.
- (d) The requirements of Section 112(j) of the Clean Air Act (40 CFR Part 63.50 through 63.56) are applicable to this source because the source is a major source of hazardous air pollutant (HAP) emissions (i.e., the source has the potential to emit 10 tons per year or greater of a single HAP or 25 tons per year or greater of a combination of HAPs) and the source is constructing one or more units that belong to one or more source categories affected by the Section 112(j) Maximum Achievable Control Technology (MACT) Hammer date of May 15, 2002. This rule requires the Permittee to:
  - (1) Submit a Part 1 MACT Application within thirty (30) days of startup of the new emission units; and
  - (2) Submit a Part 2 MACT Application within twenty-four (24) months after the Permittee submitted a Part 1 MACT Application.

Note that on April 25, 2002, Earthjustice filed a lawsuit against the US EPA regarding the April 5, 2002 revisions to the rules implementing Section 112(j) of the Clean Air Act. In particular, Earthjustice is challenging the US EPA's 24-month period between the Part 1 and Part 2 MACT Application due dates. Therefore, the Part 2 MACT Application due date may be changed as a result of the suit. Based on a proposed settlement published in the August 26, 2002 *Federal Register*, it appears that US EPA intends to revise the rule so that the due date of the Part 2 MACT Application will be within twelve (12) months after the Permittee submitted the Part 1 MACT application.

- (3) Pursuant to 40 CFR 63.56(a), the Permittee shall comply with an applicable promulgated MACT standard in accordance with the schedule provided in the MACT standard if the MACT standard is promulgated prior to the Part 2 MACT Application deadline or prior to the issuance of permit with a case-by-case Section 112(j) MACT determination. The MACT requirements include the applicable General Provisions requirements of 40 CFR 63, Subpart A. Pursuant to 40 CFR 63.9(b), the Permittee shall submit an initial notification not later than 120 days after the effective date of the MACT, unless the MACT specifies otherwise. The MACT and the General Provisions of 40 CFR 63, Subpart A will become new applicable requirements, as defined by 326 IAC 2-7-1(6), that must be incorporated into the Part 70 permit. After IDEM, OAQ receives the initial notification, any of the following will

occur:

- (A) If three or more years remain on the Part 70 permit term at the time the MACT is promulgated, IDEM, OAQ will notify the source that IDEM, OAQ will reopen the permit to include the MACT requirements pursuant to 326 IAC 2-7-9; or
- (B) If less than three years remain on the Part 70 permit term at the time the MACT is promulgated, the Permittee must include information regarding the MACT in the renewal application, including the information required in 326 IAC 2-7-4(c); or
- (C) The Permittee may submit an application for a significant permit modification under 326 IAC 2-7-12 to incorporate the MACT requirements. The application may include information regarding which portions of the MACT are applicable to the emission units at the source and which compliance options will be followed.

#### **State Rule Applicability - Individual Facilities**

##### **326 IAC 2-4.1 (New source toxics control)**

The total HAPs emissions from the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) will be limited to less than ten (10) tons per year of any single HAP, and less than twenty-five (25) tons per year of total HAPs. Therefore, this modification is not a construction of a major source pursuant to 40 CFR 63.41, and thus the requirements of 326 IAC 2-4.1 are not applicable to the proposed touch-up booths.

##### **326 IAC 2-7-10.5 (Part 70 Source Modifications)**

The total amount of solids delivered to the applicators at the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) shall be limited to less than one hundred (100) tons per twelve consecutive (12) month period, based on a seventy-five percent (75%) transfer efficiency, which is equivalent to PM and PM<sub>10</sub> emissions of less than a total of twenty-five (25) tons per year from the six (6) touch-up booths. Therefore, the construction of the six (6) touch-up booths can be performed through a Part 70 Minor Source Modification.

##### **326 IAC 6-3-2 (Process Operations)**

On June 12, 2002, revisions to 326 IAC 6-3 (Particulate Emission Limitations for Manufacturing Processes) became effective; this rule was previously referred to as 326 IAC 6-3 (Process Operations). As of the date this permit is being issued these revisions have not been approved by EPA into the Indiana State Implementation Plan (SIP); therefore, the following requirements from the previous version of 326 IAC 6-3 (Process Operations) which has been approved into the SIP will remain applicable requirements until the revisions to 326 IAC 6-3 are approved into the SIP and the condition is modified in a subsequent permit action.

Pursuant to 40 CFR 52 Subpart P, the particulate matter (PM) from the six (6) touch-up paint booths shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour and  
P = process weight rate in tons per hour

Under the rule revision, particulate from the six (6) touch-up paint booths shall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

#### 326 IAC 8-1-6 (New facilities; general reduction requirements)

The applicant has requested that the VOC emissions from the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) be limited to less than twenty-five (25) tons per year, total. Therefore, the requirements of 326 IAC 8-1-6 are not applicable to the proposed touch-up booths.

### Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

There are no specific compliance monitoring requirements applicable to this proposed modification.

### Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in bold):

On January 1, 2001, the IDEM Office of Air Management changed to the Office of Air Quality. Therefore, all references to Office of Air Management or OAM have been changed to **Office of Air Quality** or **OAQ**.

#### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

(3) One (1) fiberglass coating system, consisting of the following equipment:

(A) One (1) Gallagher-Kaiser manual spray booth, constructed in June, 1988, identified as SB-M, utilizing a high volume low pressure application method, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour,



controlled by a waterwash collection system, exhausting to two (2) stacks (EP19 and EP20);

- (B) One (1) Gallagher-Kaiser automatic spray booth, constructed in March, 1994, identified as SB-A, utilizing robots equipped with electrostatic applicators and electrostatic spray guns, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to one (1) stack (EP 21);
- (C) One (1) Eclipse natural gas fired bake oven and one (1) flash tunnel, identified as BO-1, with a maximum capacity of 10.45 million British thermal units per hour, controlled by a 11.0 million British thermal units per hour natural gas fired thermal incinerator, exhausting to one (1) stack (EP-22);
- (4) Six (6) touch-up paint booths, identified as PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5, constructed in 2003, each equipped with dry filters as particulate control, exhausting to Stacks PB Volvo/GMT, PB Viper, PB Tri-door 1, PB Tri-door 2, PB Hummer, and PBC5, respectively, capacity: variable, depending on part type.
- (5 4) Nineteen (19) plastic forming presses with maximum capacity of 6,771 pounds per hour of sheet molding compound; and
- (6 5) Plastic parts machining and cleaning operation, with maximum capacity of 6,771 pounds per hour of sheet molding compound, with particulate emissions controlled by two (2) dust collector baghouses.

## SECTION C

## SOURCE OPERATION CONDITIONS

### **C.24 Application Requirements for Section 112(j) of the Clean Air Act [40 CFR 63.52(b) and (e)] [40 CFR 63.56(a)] [40 CFR 63.9(b)] [326 IAC 2-7-12]**

- (a) **The Permittee shall submit a Part 1 Maximum Achievable Control Technology (MACT) Application in accordance with 40 CFR 63.52(b)(1) within thirty (30) days of startup of the new emission units. The Part 1 MACT Application shall meet the requirements of 40 CFR 63.53(a).**
- (b) **The Permittee shall submit a Part 2 MACT Application in accordance with 40 CFR 63.52 (e)(1). The Part 2 MACT Application shall meet the requirements of 40 CFR 63.53(b).**
- (c) **Notwithstanding paragraph (b), the Permittee is not required to submit a Part 2 MACT Application if the Permittee no longer meets the applicability criteria of 40 CFR 63.50 by the application deadline in 40 CFR 63.52(e)(1). For example, the Permittee would not have to submit a Part 2 MACT Application if, by the application deadline:**
  - (1) **The source is no longer a major source of hazardous air pollutants, as defined in 40 CFR 63.2;**
  - (2) **The source no longer includes one or more units in an affected source category for which the U.S. EPA failed to promulgate an emission standard by May 15, 2002; or**

- (3) **The MACT standard or standards for the affected source categories included at the source are promulgated.**
- (d) **Notwithstanding paragraph (b), pursuant to 40 CFR 63.56(a), the Permittee shall comply with an applicable promulgated MACT standard in accordance with the schedule provided in the MACT standard if the MACT standard is promulgated prior to the Part 2 MACT Application deadline or prior to the issuance of permit with a case-by-case Section 112(j) MACT determination. The MACT requirements include the applicable General Provisions requirements of 40 CFR 63, Subpart A. Pursuant to 40 CFR 63.9(b), the Permittee shall submit an initial notification not later than 120 days after the effective date of the MACT, unless the MACT specifies otherwise. The initial notification shall be submitted to:**

**Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Quality  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015**

**and**

**United States Environmental Protection Agency, Region V  
Director, Air and Radiation Division  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590**

### **SECTION D.3 FACILITY OPERATION CONDITIONS**

**Facility Description [326 IAC 2-7-5(15)]**

- (3) **One (1) fiberglass coating system, consisting of the following equipment:**
- (A) **One (1) Gallagher-Kaiser manual spray booth, constructed in June, 1988, identified as SB-M, utilizing a high volume low pressure application method, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to two (2) stacks (EP19 and EP20);**
  - (B) **One (1) Gallagher-Kaiser automatic spray booth, constructed in March, 1994, identified as SB-A, utilizing robots equipped with electrostatic applicators and electrostatic spray guns, with maximum capacity of forty-five (45) molded reinforced plastic body subassemblies per hour, controlled by a waterwash collection system, exhausting to one (1) stack (EP 21);**
  - (C) **One (1) Eclipse natural gas fired bake oven and one (1) flash tunnel, identified as BO-1, with a maximum capacity of 10.45 million British thermal units per hour, controlled by a 11.0 million British thermal units per hour natural gas fired thermal incinerator, exhausting to one (1) stack (EP-22);**
- (4) **Six (6) touch-up paint booths, identified as PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5, constructed in 2003, each equipped with dry filters as particulate control, exhausting to Stacks PB Volvo/GMT, PB Viper, PB Tri-door 1, PB Tri-door 2, PB Hummer, and PBC5, respectively, capacity: variable, depending on part type.**

## **Emission Limitations and Standards [326 IAC 2-7-5(1)]**

### **D.3.1 Volatile Organic Compound (VOC) [326 IAC 2-2]**

Pursuant to Construction Permit (CP 145-5373-00017), issued on July 3, 1996,

- (a) The input VOC of coatings applied and solvent applied to the ~~surface coating systems~~ **one (1) fiberglass coating system and the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)** shall be limited to 222 tons per 365 consecutive day period, rolled on a daily basis. This throughput limitation is equivalent to potential to emit (PTE) VOC from the surface coating operation of 159 tons per 365 consecutive day period, rolled on a daily basis, after control with the thermal incinerator operating at an overall efficiency of 95%.
- (b) This production limitation is necessary in order to ensure that the Prevention of Significant Deterioration (PSD) rules, 326 IAC 2-2 and 40 CFR 52.21, will not apply.

### **D.3.2 Volatile Organic Compound (VOC) [326 IAC 8-1-6]**

Pursuant to Construction Permit (CP-145-5373-00017), issued on July 3, 1996 and 326 IAC 8-1-6 (General Reduction Requirements):

- (a) The Volatile Organic Compound (VOC) content of the coatings as delivered to the applicators **at the one (1) fiberglass coating system** shall be limited to 8.3 pounds of VOC per gallon of coating solids for prime coat applications.
- (b) The Volatile Organic Compound (VOC) content of the coatings as delivered to the applicators **at the one (1) fiberglass coating system** shall be limited to 12.2 pounds of VOC per gallon of coating solids for topcoat applications.
- (c) The manual spray booth **at the one (1) fiberglass coating system** shall use a high volume, low pressure (HVLP) application method. High volume low pressure (HVLP) spray means technology used to apply coating to a substrate by means of coating application equipment which operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.
- (d) The automatic spray booth **at the one (1) fiberglass coating system** shall utilize the automatic electrostatic rotating bell.

### **D.3.3 Volatile Organic Compound (VOC) [326 IAC 8-1-6]**

The total amount of VOC delivered to the applicators at the **six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)** shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 8-1-6 (New facilities; general reduction requirements) do not apply.

### **D.3.4 Hazardous Air Pollutants (HAPs) [326 IAC 2-4.1-1]**

The total amount of any single HAP and combination of all HAPs delivered to the applicators at the **six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)** shall be limited to less than ten (10) and less than twenty-five (25) tons per twelve (12) consecutive month period, respectively, with compliance determined at the end of each month. Therefore, the requirements of 326 IAC 2-4.1-1 (New source toxics control) do not apply.

#### **D.3.5 Particulate Matter (PM and PM<sub>10</sub>)**

The total amount of solids delivered to the applicators at the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) shall be limited to less than one hundred (100) tons per twelve consecutive (12) month period, with compliance determined at the end of each month, based on a seventy-five percent (75%) transfer efficiency, which is equivalent to PM and PM<sub>10</sub> emissions of less than a total of twenty-five (25) tons per year from the six (6) touch-up booths. Therefore, the construction of the six (6) touch-up booths (PBVolvo/GMT, PBViper, PBTri-door 2, PBTri-door 1, PBHummer and PBC5) is not subject to the requirements of 326 IAC 2-7-10.5(f).

#### **D.3.63 Particulate Matter (PM) [326 IAC 6-3-2] [40 CFR 52 Subpart P]**

- (a) Pursuant to 326 IAC 6-3-2 (Process Operations) the particulate matter (PM) from the two (2) spray booths (SB-M and SB-A) shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

- (b) Pursuant to 40 CFR 52 Subpart P, the PM from each of the six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5) shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour; and} \\ P = \text{process weight rate in tons per hour}$$

#### **D.3.74 Preventive Maintenance Plan [326 IAC 2-7-5(13)]**

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for these facilities and their control device.

### **Compliance Determination Requirements**

#### **D.3.85 Testing Requirements [326 IAC 2-7-6(1),(6)]**

During the period between 18 and 48 after issuance of this permit, **in order to demonstrate compliance with the thermal incinerator control efficiency stated in Condition D.3.1**, the Permittee shall perform VOC testing utilizing Method 25 (40 CFR 60, Appendix A) or other methods as approved by the Commissioner. This test shall be repeated at least once every five (5) years from the date of this valid compliance demonstration. In addition to these requirements, IDEM may require compliance testing when necessary to determine if the facility is in compliance.

#### **D.3.96 Volatile Organic Compounds (VOC)**

Compliance with the VOC content and usage limitations contained in Conditions D.3.1 and D.3.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

#### **D.3.107**VOC Emissions

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Compliance with Condition D.3.1 shall be demonstrated at the end of each day based on the total volatile organic compound usage for the most recent 365 day period.

#### **D.3.118**Thermal Incinerator

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Pursuant to 326 IAC 8-1-6 (General Reduction Requirements), when operating the thermal incinerator shall maintain a minimum operating temperature of 1,400°F or a temperature determined in the compliance tests, and a fan amperage and duct velocity determined in the compliance tests to maintain a minimum 95% destruction of the volatile organic compound (VOC) captured.

### **Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

#### **D.3.129**Volatile Organic Compound (VOC)

---

Pursuant to Construction Permit (CP 145-5373-00017) issued on July 3, 1996, the thermal incinerator shall operate at all times that the bake oven and flash tunnel is in operation.

#### **D.3.130**Particulate Matter (PM)

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The waterwash collection system shall be in operation at all times the two (2) spray booths (SB-M and SB-A) are in operation.

### **Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

#### **D.3.144**Record Keeping Requirements

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- (a) To document compliance with Condition D.3.129, the Permittee shall maintain daily records of the thermal incinerator temperature.
- (b) To document compliance with Conditions D.3.1, ~~and~~ D.3.2 **and D.3.3**, the Permittee shall maintain records in accordance with (1) through ~~(46)~~ below. Records maintained for (1) through ~~(46)~~ shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.3.1 **and D.3.3**.
  - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
  - ~~(2) A log of the dates of use;~~
  - ~~(3) The volume weighted VOC content of the coatings used for each month;~~
  - ~~(2 4)~~ The cleanup solvent usage for each month;
  - ~~(3 5)~~ The total VOC usage for each month; and
  - ~~(4 6)~~ The weight of VOCs emitted for each compliance period.
- (c) To document compliance with Condition D.3.4, the Permittee shall maintain records in accordance with (1) through (4) below for the six ~~(6)~~ touch-up paint booths. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the HAP usage limits established in Condition D.3.4.

- (1) The HAPs content of each coating material and solvent used.
  - (2) The amount of coating material and solvent used on monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
  - (3) The total HAPs usage for each month; and
  - (4) The weight of HAPs emitted for each compliance period.
- (d) To document compliance with Condition D.3.5, the Permittee shall maintain records in accordance with (1) through (4) below for the six (6) touch-up paint booths. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM and PM<sub>10</sub> emission limits established in Condition D.3.5.
- (1) The total solids content of each coating material and solvent used.
  - (2) The amount of coating material and solvent used on monthly basis. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.
  - (3) The total solids usage for each month; and
  - (4) The weight of PM and PM<sub>10</sub> emitted for each compliance period.
- (e e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

#### **D.3.152** Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.3.1, **D.3.3, D.3.4 and D.3.5** shall be submitted to the address listed in Section C - General Reporting Requirements, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

#### SECTION D.4

#### FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (45) Nineteen (19) plastic forming presses with maximum capacity of 6,771 pounds per hour of sheet molding compound; and
- (56) Plastic parts machining and cleaning operation, with maximum capacity of 6,771 pounds per hour of sheet molding compound, with particulate emissions controlled by two (2) dust collector baghouses.
- (Insignificant Activity) Two (2) hydraulic molding presses and associated secondary fixtures (deflashing, drilling, sanding, routing and punching equipment), molding a maximum of 616 pounds per hour of sheet molding compound per press into reinforced plastic automotive body panels and assemblies, using a maximum of 0.88 pounds per hour of mold release.
- (Insignificant Activity) Four (4) 500-2500 ton capacity hydraulic presses for molding, drilling, sanding, routing, and bonding reinforced plastic;
- (Insignificant Activity) Two (2) 2500 hydraulic press for molding, drilling, sanding, routing and bonding;

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

**Source Name:** Meridian Automotive Systems, Inc.  
**Source Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Mailing Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Part 70 Permit No.:** T 145-5966-00017  
**Facility:** Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
**Parameter:** Total VOC delivered to the applicators  
**Limit:** Less than twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

**YEAR:** \_\_\_\_\_

Month	Tons of VOC	Tons of VOC	Tons of VOC
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

**Source Name:** Meridian Automotive Systems, Inc.  
**Source Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Mailing Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Part 70 Permit No.:** T 145-5966-00017  
**Facility:** Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
**Parameter:** HAPs delivered to the applicators  
**Limit:** Less than ten (10) tons of the worst case single HAP, and less than twenty-five (25) tons of total HAPs per twelve (12) consecutive month period, with compliance determined at the end of each month.

**YEAR:** \_\_\_\_\_

Month	Worst case single HAP (tons)	Worst case single HAP (tons)	Worst case single HAP (tons)	Total HAPs (tons)	Total HAPs (tons)	Total HAPs (tons)
	This Month	Previous 11 Months	12 Month Total	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.

Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR QUALITY  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

**Source Name:** Meridian Automotive Systems, Inc.  
**Source Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Mailing Address:** 501 Northridge Drive, Shelbyville, Indiana 46176  
**Part 70 Permit No.:** T 145-5966-00017  
**Facility:** Six (6) touch-up paint booths (PBVolvo/GMT, PBViper, PBTri-door 1, PBTri-door 2, PBHummer and PBC5)  
**Parameter:** Total solids delivered to the applicators  
**Limit:** Less than one hundred (100) tons per twelve consecutive (12) month period, with compliance determined at the end of each month.

**YEAR:** \_\_\_\_\_

Month	Tons of solids	Tons of solids	Tons of solids
	This Month	Previous 11 Months	12 Month Total

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## **Conclusion**

The construction and operation of this proposed modification shall be subject to the conditions of the attached proposed Part 70 Minor Source Modification No. **145-16510-00017** and the attached proposed Part 70 Significant Permit Modification No. **145-16596-00017**.